

P19757.A04

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Shinji HAMADA et al.

Group Art Unit: 1745

Appl. No. : 09/614,769

Examiner: J. MAPLES

Filed : July 12, 2000

For : BATTERY MODULE, AND RECHARGEABLE BATTERY FOR
CONSTITUTING THE BATTERY MODULE



SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner of Patents
Washington, D.C. 20231

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Sir:

In accordance with the duty of disclosure under 37 C.F.R. 1.56, 1.97-1.98, and supplemental to an Information Disclosure Statements filed on October 12, 2000 and January 12, 2001, Applicants hereby bring to the Examiner's attention the following documents, which were cited in a European Search Report dated November 29, 2001 for counterpart European Application No. EP 00 30 6002:

(1) U.S. Patent No. 5,871,861 to HIROKOU et al., which issued on February 16, 1999, was cited as an X-Category document (i.e., document which is particularly relevant if taken alone) with respect to claim 1 of the European application; a Y-Category document (i.e., document which is particularly relevant if combined with another document of the same category) with respect to claims 2, 3, and 9 of the European application; and an A-Category

P19757.A04

document (i.e., document of technological background) with respect to claims 4-11 of the European application. The European Examiner indicated column 6, line 20 - column 9, line 4; column 12, line 20 - column 14, line 59; and claims 1-14 to be relevant;

(2) U.S. Patent No. 3,650,842 to BOUGARAN, which issued on March 21, 1972, was cited as a Y-Category document with respect to claims 2 and 3 of the European application. The European Examiner indicated column 3, line 26 - column 4, line 4; and claim 1 to be relevant;

(3) Patent Abstracts of Japan, vol. 017, no. 549, which was published on October 4, 1993 & (member of the same patent family, corresponding document) Japanese Patent Publication No. 5-159769, which was published on June 25, 1993, was cited as a Y-Category document with respect to claim 9 of the European application. The European Examiner indicated the Abstract to be relevant;

(4) European Patent Application No. EP 0 766 327, which was published on April 2, 1997, was cited as an X-Category document with respect to claim 1 of the European application. The European Examiner indicated the whole document to be relevant. Applicants also include a copy of U.S. Patent No. 5,766,798 to BECHTOLD et al., which issued on June 16, 1998. This document is an English language patent family member of EP 0 766 327;

P19757.A04

(5) European Patent Application No. EP 1 059 680, which was published on December 13, 2000, was cited as an E-Category document (i.e., earlier patent document, but published on, or after the filing date) and a L-Category document (i.e., document cited for other reason) with respect to claims 1-11 of the European application. The European Examiner indicated column 4, line 18 to be relevant;

(6) U.S. Patent No. 3,981,742 to YONEZU et al., which issued on September 21, 1976, was cited as an A-Category document with respect to claims 1 and 4-7 of the European application. The European Examiner indicated column 4, line 30 - column 5, line 50; and claims 1-10 to be relevant;

(7) French Patent Publication No. 2 370 368, which was published on June 2, 1978, was cited as an A-Category document with respect to claims 1, 2 and 7 of the European application. The European Examiner indicated page 1, line 31 - page 4, line 37; and claims 1-8 to be relevant. Applicants also include a copy of GB Patent No. 1 590 947, which was published on June 10, 1981. This document is an English language patent family member of FR 2 370 268;

(8) U.S. Patent No. 4,138,533 to STEIG, which issued on February 6, 1979, was cited as an A-Category document with respect to claims 1, 2 and 7 of the European application. The European Examiner indicated column 3, line 7 - column 4, line 48 to be relevant;

P19757.A04

(9) U.S. Patent No. 4,267,243 to PARK et al., which issued on May 12, 1981, was cited as an A-Category document with respect to claims 1, 2 and 8 of the European application. The European Examiner indicated column 4, line 31 - column 5, line 48; column 6, line 54 - column 7, line 7; and claims 1-5 to be relevant;

(10) U.S. Patent No. 4,603,093 to EDWARDS et al., which issued on July 29, 1986, was cited as an A-Category document with respect to claims 1, 2, 4, 8, 10 and 11 of the European application. The European Examiner indicated column 4, line 4 - column 6, line 51 to be relevant; and

(11) U.S. Patent No. 4,480,018 to DE BELLIS et al., which issued on October 30, 1984, was cited as an A-Category document with respect to claims 10 and 11 of the European application. The European Examiner indicated column 3, line 54 - column 4, line 41 to be relevant.

Applicants respectfully request that the Examiner consider the above materials and cite the patent documents. Copies of the above-noted documents, as well as a copy of the European Search Report, are attached and have been listed on a PTO-1449 Form which is also attached hereto. Accordingly, the Examiner is requested to initial the appropriate spaces on the attached PTO-1449 Form and to return a copy of the Form to Applicants with the next official communication in the present application to confirm consideration of these documents.

P19757.A04

Applicants note that this Supplemental Information Disclosure Statement is being submitted before the mailing of a first Office Action on the merits (in compliance with 37 C.F.R. § 1.97 (b) (3)), and thus no fee is believed to be due.

Should the Examiner have any questions, the Examiner is invited to contact the undersigned at the below-listed telephone number.

Respectfully submitted,
Shinji HAMADA et al.

Will: Boshui
Reg. No. 44,550

Bruce H. Bernstein
Reg. No. 29,027

December 27, 2001
GREENBLUM & BERNSTEIN, P.L.C.
1941 Roland Clarke Place
Reston, VA 20191
(703) 716-1191